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REPORT OF THE RECORDING SECRETARY.

During the year ending November 30th, 1867, there have been elected one hundred and eleven members and sixty-six correspondents.

The death of the following members and correspondents have been announced :

Ten members—namely: Mr. Edward F. Sanderson, Mr. Robett Kennicott, Mr. William Norris, Prof. Alex. D. Bache, Washington Sherman, M. D., C. W. Pennock, M. D., Mr. Samuel C. Morton, Miss Margaretta H. Morris, Mr. Jacob Pierce, Mr. Richard M. Marshall ;

Nine correspondents—namely: Rev. Stephen Elliott, Geo. W. Featherstonhaugh, Dr. Brackenridge Clemens, Prince Maximilian Zu Wied, Dr. Geo. Jager, Dr. C. M. Diesing, Prof. Farraday, Dr. Zimmerman, Rev. Dr. C. Dewey.

Three members have resigned.

The number of papers contributed and ordered to be printed in the Proceedings and Journal during the year has been thirty-six, as follows :

In the Proceedings thirty-three ; namely—

| | | | |
|-------------------------|---|----------------------------|---|
| Aubrey H. Smith..... | 1 | G. C. Lincecum, M.D..... | 1 |
| Thomas Meehan..... | 4 | J. H. Slack, M.D..... | 1 |
| E. D. Cope..... | 5 | H. C. Wood, Jr., M.D..... | 2 |
| Isaac Lea..... | 2 | John Cassin..... | 4 |
| Henry Shimer, M.D..... | 2 | Alphonso Wood..... | 1 |
| Jacob Ennis..... | 1 | Geo. N. Lawrence..... | 1 |
| D. G. Elliott..... | 1 | Elliott Coues, M.D..... | 1 |
| Richard Hill..... | 1 | John L. Le Conte, M.D..... | 4 |
| Geo. H. Horn, M.D... .. | 2 | | |

In the Journal three ; namely—

E. D. Cope..... 3

All of which is respectfully submitted.

S. B. HOWELL, Recording Secretary.

The following reports were read from the Conchological Section :

REPORTS OF THE CONCHOLOGICAL SECTION.

REPORT OF THE SECRETARY.

The Conchological Section of the Academy of Natural Sciences would beg leave to report—

That the Section was organized by the election of officers, Dec. 6th, 1866. Six members and seventy-three correspondents have been elected during the year. Two members have resigned, and one correspondent has died. Meetings have been regularly held on the evening of the first Thursday of each month. Correspondence has been opened with scientific gentlemen in this country and abroad, as will be seen by the Secretary's report.

A number of articles on scientific subjects have been published, as well as consecutive numbers of the "American Journal of Conchology," and the "Monograph of Terrestrial Mollusca."

Donations to the library have been numerous, as noticed in report of the Librarian.

Additions to the collection during the year have been beyond all precedent in the number and value of specimens, as may be seen by the Conservator's report.

In conclusion, we venture to express the hope that, under the fostering care of the Academy, this Section may prove an efficient arm of the service, in carrying on the work which this noble institution is destined to accomplish for true science and the diffusion of knowledge.

E. R. BEADLE, Secretary.

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REPORT OF THE CORRESPONDING SECRETARY.

Letters have been addressed to the following gentlemen, announcing their election as correspondents :

| | |
|--|--|
| Prof. Louis Agassiz, Cambridge, Mass. | Dr. H. C. Küster, Cassel. |
| John G. Anthony, Cambridge, Mass. | James Lewis, M.D., Mohawk, N.Y. |
| Geo. French Angas, Australia. | Prof. Albert Mousson, Zurich, Sw. |
| Henry Adams, London. | Edward F. Morse, Salem, Mass. |
| Arthur Adams, London. | Prof. F. B. Meek, Washington, D. C. |
| Thos. Bland, New York. | R. P. Montrouzier, New Caledonia. |
| H. Benson, Cheltenham, England. | Arthur Morelet, Dijon, France. |
| J. R. Bourguignat, Paris. | Prof. O. A. L. Mörel, Copenhagen. |
| Dr. August Baudon, Bauvais, France. | Jules Mabille, Dinan, France. |
| Luigi Benoit, Messina, Sicily. | Wesley Newcomb, M. D., Oakland, California. |
| Hon. L. E. Chittenden, New York. | Temple Prime, New York. |
| Dr. P. L. Carpenter, Montreal, C. W. | Patricio Maria Paz, Madrid, Spain. |
| Col. F. F. Cavada, Tr. de Cuba. | Dr. Louis Pfeiffer, Cassel. |
| M. H. Crosse, Paris. | Prof. F. Poey, Havana, Cuba. |
| Dr. J. C. Chenu, Paris. | Baron de Castello de Paiva, Lisbon. |
| Hon. Edward Chitty, Jamaica. | Dr. R. A. Philippi, Santiago, Cuba. |
| Fredk. Calliaud, Nantes, France. | M. C. Recluz, Paris. |
| Dr. J. C. Cooper, San Francisco. | Wm. D. Stimpson, M.D., Chicago. |
| Dr. J. C. Cox, N. S. W. | E. R. Showalter, M. D., Uniontown, Alabama. |
| M. G. P. Deshayes, Paris. | Prof. G. B. Sowerby, London. |
| Prof. Wm. Dunker, Marburg, Hesse. | Prof. D. S. Sheldon, Davenport, Iowa. |
| William H. De Camp, M. D., Grand Rapids, Mich. | Petit de la Saussaye, Paris. |
| Henri Drouet, Troyes, France. | R. E. C. Stearns, San Francisco. |
| Dr. Paul Fischer, Paris. | Abbe Joseph Stabille, Milan. |
| Prof. Theo. Gill, Washington, D. C. | M. Souverbie, Bordeaux, France. |
| Wm. M. Gabb, San Francisco. | J. H. Thompson, New Bedford, Mass. |
| Prof. J. E. Gray, London. | Prof. F. H. Troschell, Bonn, Prussia. |
| J. B. Gassies, Bordeaux, France. | A. P. Turver, Lyons, France. |
| Dr. J. Gundlach, Havana, Cuba. | Professor George Ritter von Fraunfeld, Vienna. |
| Prof. James Hall, Albany, N. Y. | Prof. P. J. Van Beneden, Bruxelles, B. |
| Prof. F. S. Holmes, Charleston, S. C. | Prof. Van Mohrenstein, Vienna. |
| Alpheus Hyatt, Salem, Mass. | Dr. Levi Vaillant, Paris. |
| Sylvester Hanley, Middlesex, Eng. | Prof. Van den Busch, Bremen. |
| J. Gonzales Hidalgo, Madrid, Spain. | J. R. Willis, Halifax. |
| J. C. Jay, M.D., Rye, N. Y. | Alex. Winchell, Ann Arbor, Mich. |
| J. Gwyn Jeffryes, London. | |
| J. P. Kirtland, M.D., Cleveland, O. | |
| Frederick Krauss, Stuttgart. | |

Letters have also been written to the following gentlemen :

April 22d, 1867.—W. T. Blandford, Calcutta, proposing an exchange of publications and specimens ;

Dr. Paladilhe, Montpellier, France ;
Jules Mabille, Paris ; proposing exchanges.

May 7th.—D. Rafael Arango, Cuba, proposing an exchange of specimens.

Sept. 11th.—Hon. L. E. Chittenden, New York, accepting proposals to send shells.

Sept. 19th.—Sylvester Hanley, accepting proposals for an exchange ;

W. T. Blandford, Calcutta, accepting proposals for an exchange.

Letters have been received from the following gentlemen, accepting of their election as correspondents :

May 9th.—D. S. Sheldon, Davenport, Iowa.

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May 11th.—James Lewis, M. D., Mohawk, N. Y. ; Wm. Stimpson, M. D., Chicago.

May 15th.—E. R. Showalter, M.D., Alabama.

May 18th.—J. G. Anthony, Cambridge, Mass.

May 23d.—Temple Prime, New York.

May 29th.—J. C. Jay, M.D., Rye, N. Y. ; F. C. Morse, Salem, Mass.

June 1st.—Thomas Bland, New York.

June 28th.—Alexander Winchell, Michigan.

July 12th.—Prof. Theodore Gill, Washington, D. C.

July 31st.—Col. F. F. Cavada, Cuba.

Aug. 12th.—Prof. F. B. Meek, Washington, D. C.

Letters have been received from the following gentlemen, offering to send shells or exchange specimens :

1867. *Sept. 4th.*—Hon. L. E. Chittenden, New York ; Sylvester Hanley, Middlesex, England.

Sept. 5th.—Prof. J. E. Gray, British Museum ; W. T. Blanford, Calcutta.

All of which is respectfully submitted.

E. R. BEADLE,
Corres. Sec'y.

Dec. 5, 1867.

REPORT OF THE CONSERVATOR.

The Conservator of the Conchological Section respectfully reports that the Conchological cabinet has been increased during the year by the following donations and purchases :

Geo. W. Tryon, Jr., presented six specimens of shells exhibiting internal structure ; *Magilis antiquus* from the Red Sea ; *Helix Parkerii* ; ninety-five species selected from the Poulson Collection, and about two hundred additional duplicate species from the same collection ; four specimens of Cephalopods, in spirits, and forty-eight species, numerous specimens of Australian shells, together with a collection of Cephalopods and other naked mollusks in spirits.

One hundred and eighty-four species of marine shells from Italy were received from Sylvanus Hanley ; one hundred and fifty-six species, three thousand nine hundred specimens of Unionidæ and *Melania* chiefly from Alabama, from E. R. Showalter, M.D. ; types of sixty-four species of Polynesian shells, described by W. H. Pease, were received from their describer. One hundred and six species, numerous specimens of shells from Canary Islands, Greenland, Arabia and Chili were presented by O. A. L. Mörch.

S. S. Haldeman presented his type specimens of the genera *Limnea*, *Planorbis* and *Physa*.

One hundred and four species of American terrestrial and fluviatile shells were received from E. Hall ; one hundred and twenty-two species, numerous specimens of Polynesian shells from Dr. J. C. Cox ; ninety-one species of shells from Australia, South America, Palestine, &c., from W. P. Wilstach. One hundred and forty species, numerous specimens of land and fresh-water shells, were presented by Aug. Brot, M.D., of Geneva.

Rev. E. R. Beadle presented a specimen of *Navea Newcombii*, a perforating *Haliotus*, from Lower California, three species of Cuban shells, and two specimens of *Pinna squamosa*, from the Mediterranean Sea, *Macra lateralis*, Say, *Voluta Turneri*, a large collection of *Solens*, *Macra*, &c., and five species of terrestrial shells from Syria and Java.

Thirty-one species, numerous specimens of Cuban land shells were received from Col. F. F. Cavada.

Collections were also presented by G. A. Lathrop, A. O. Currier, J. R. Willis, C. F. Parker, F. H. Aldrich, Wm. M. Gabb, Dr. Jos. Leidy, F. A. Randall, E. D. Cope, John Ford and Andrew J. Bennett.

Sixty-three species, numerous specimens, were received from Dr. E. W.

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Hubbard, John Krider, J. E. Eshleman, S. R. Roberts, Dr. H. C. Wood, Jr., Isaac Lea, Geo. Scarborough, W. D. Hartman, M.D., Geo. H. Horn, M.D., John Cassin, Thos. Bland, Wesley Newcomb, Wm. S. Vaux, R. E. C. Stearns, Miss Anna Abbott, J. L. Julius, J. H. Redfield, Dr. James Lewis, and Jacob Ennis.

Types of Rafinesque's Unios, with the original labels in his handwriting, were obtained by purchase from the collection of the late Chas. A. Poulson.

In addition to the above, the magnificent collection of over one hundred thousand specimens of ten thousand species, deposited by Mr. Geo. W. Tryon, Jr., has been received and incorporated with the main collection, making our cabinet richer than any other in the world in specimens, and the richest in species with one exception, that of the British Museum.

A collection of one hundred and eight species of American shells has been sent to Dr. J. C. Cox, of Sydney, Australia, in exchange for Polynesian shells, received from him. A similar collection has been sent to M. Luigi Benoit, of Sicily, and a smaller one to M. Spiridione Brusina.

The various collections received during the year have been arranged, labelled and deposited in their proper places in the cabinet by Messrs. Geo. W. Tryon, Jr., Chas. F. Parker, S. R. Roberts and others, who have devoted much time and labor to the work. The proper systematic arrangement has been somewhat interfered with in consequence of the very limited accommodation afforded our magnificent collection in our present building, nor can any remedy for this inconvenience be at present suggested.

Dr. S. B. Howell has kindly undertaken the arrangement of our alcoholic collection, and has made considerable progress therein.

Opportunity having offered to acquire a portion of the collection of shells belonging to the late Hugh Cuming, of London, which portion consists of about one thousand species not yet in our museum, a subscription list was opened, and our appeal having been answered encouragingly, the shells were ordered, and some of them are now on their way to the Academy.

Although the Conchological Section of the Academy has been in existence but little over a year, yet an observation of its present condition cannot, we believe, fail to be gratifying to all interested in the science for the encouragement of which it was instituted. Whilst the augmentation of the collection during that time has been beyond all precedent, a reference to the list of our contributors will prove that the interest taken in the department is not confined to our members alone, but is manifested by others who are not so intimately connected with us, both at home and abroad.

In conclusion, we beg leave to congratulate those present that through their instrumentality, the interest heretofore manifested in our science has been greatly increased, and to hope that their efforts may be still farther successful in the future in gaining for Conchology that prominent position among the Natural Sciences which it so well deserves.

Respectfully submitted by

JOSEPH LEIDY, *Conservator.*

LIBRARIAN'S REPORT.

There have been presented during the past year to the Conchological Section of the Academy of Natural Sciences, 140 volumes, and 298 periodicals, Pamphlets, &c. Of these works, 195 are from Authors, 12 from Editors, 14 from Societies, 12 from Smithsonian Institution, 5 from Publication Committee of Conchological Section of the Academy of Natural Sciences, and 140 bound volumes, and 60 pamphlets, &c., from G. W. Tryon, Jr.

In addition to the above there have been presented to the Academy of Natural Sciences, 21 volumes, pamphlets, &c., on Conchological subjects.

Respectfully submitted.

C. F. PARKER,

Librarian.

The election of officers for the ensuing year was held in accordance with the By-Laws, with the following result :

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|--------------------------------------|---|
| <i>President</i> | ISAAC HAYS, M.D. |
| <i>Vice-Presidents</i> | Wm. S. Vaux, John Cassin. |
| <i>Corresponding Secretary</i> | Harrison Allen, M.D. |
| <i>Recording Secretary</i> | Samuel B. Howell, M.D. |
| <i>Treasurer</i> | Wm. C. Henszey. |
| <i>Librarian</i> | Edward J. Nolan, M.D. |
| <i>Curators</i> | Jos. Leidy M.D. Wm. S. Vaux, John Cassin, Edw. D. Cope. |
| <i>Auditors</i> | Jos. Jeanes, Wm. S. Vaux, Aubrey H. Smith. |
| <i>Publication Committee</i> | Jos. Leidy, M.D., Wm. S. Vaux, Robert Bridges, M.D. John Cassin, Geo. W. Tryon, Jr. |

The following were elected members :

J. Ronaldson Magee, Horace Magee, Isaac S. Waterman, A. J. Antelo, Wm. G. Moorhead, Richard K. Betts, George W. Brown, M.D., Henry R. Silliman, M.D., U.S.A., Edwin Sheppard, Jos. Willcox and Josiah W. Leeds.